FOR UTILITY/DESIGN CIP/PCT NATIONAL/PLAN ORIGINAL/SUBSTITUTE/SUPPLE **DECLARATIONS**

, RULE 63 (37 C.F.R. 1.63) DECLARATION AND POWER FOR PATENT APPLIC TTORNEY IN THE UNITED STATES PATENT AND FRADEMARK OFFICE

PM & S FORM

believe I an	n the original, first and so						
haland af th	a subject metter which is	e claimed and for which	h a natent is sou	elow) or an original, first and ght on the INVENTION ENTI	Joint inventor (it plural it	ames are ii	sied
LOCAT	CION MANAGEMENT	FOR CELLIILAR	SYSTEMS	gitt (in the <u>investively entri</u>	<u></u>		
	the specification of which						
×	→ A. ☐ is attached he	ereto.					
BOX(ES)	→ B. 🔲 was filed on			is U.S. Application No.	/		_
	→ C. 🖾 was filed as P			o. PCT/ FI <u>00 / 0035</u>	7_ on 26 April	_2000	
	icable to U.S. or PCT app			d enecification, including the claim	ms as amonded by any am	ondmont rof	Orradia
I hereby state	e that I have reviewed and up consider the duty to disclos	nderstand the contents of	r the above identified the material	ed specification, including the claid to patentability as defined in 37 (ms, as amended by any am C.F.R. 1.56. I hereby claim	ienament rer foreian pricr	erred to ity benefits
under 35 U.S	S.C. 119(a)-(d) or 365(b) of a	inv foreign application(s) f	for patent or invent	or's certificate, or 365(a) of any P	CT International Application	n which desig	nated at
least one oth	er country than the United S	tates, listed below and ha	ave also identified t	pelow any foreign application for p	patent or inventor's certificat	te, or PCT In	ternational
is claimed o	ried by me or my assignee d r (2) if no priority claimed, be	efore the filing date of this	application:	application and having a filing date	e (1) belore that of the appli	ication on wi	ich phonty
is daimed, o	(2) if no priority diamet, so	nord are timing date or time					
PRIOR FO	REIGN APPLICATION(S	3)		Date first Laid-	Date Patented	Priority	Claimed
Number	Country	Day/MONTH	/Year Filed	open or Published	or Granted	Yes	No
001466	77.4 . 7 . 1	00 7	1000				
991466	Finland	28 June	e 1999			X	
	•						
I becabe alai	de-rectio scierity becefft u	ndor 25 11 C C 110(n) nc	120 and 365(c) of	the indicated United States applic	ations listed below and PC	T internations	at
applications	listed above or below and, if	this is a continuation-in-o	oart (CIP) applicati	on, insofar as the subject matter o	disclosed and claimed in thi	s application	is in
addition to the	nat disclosed in such prior ap	plications, Lacknowledge	the duty to disclos	e all information known to me to l	be material to patentability a	as defined in	37 C.F.R.
_1.56 which b	ecame available between th	e filing date of each such	prior application a	nd the national or PCT internation	al filing date of this applicat	tion:	
s.l		•	_				
PRIOR U.S	S. PROVISIONAL, NONE	PROVISIONAL AND/C	OR PCT APPLIC	ATION(S)	<u>Status</u>		Claimed
Application	n No. (series code/seria	al no.) Day/M	IONTH/Year File	ed pending, a	abandoned, patented	<u>Yes</u>	<u>No</u>
- A							
) B =							
i Barahy dec	tare that all statements made	e berein of my own knowl	edge are true and	that all statements made on inforr	nation and belief are believ	ed to be true	· and
Thereby dec	hese statements were made	with the knowledge that	willful false stateme	ents and the like so made are pun	ishable by fine or imprison	ment or both	, under
Section 100	1 of Title 18 of the United Sta	ates Code and that such v	willful false stateme	nts may jeopardize the validity of	the application or any pate	ent issued the	ereon.
And I hereby			Property Group, 11				
	y appoint <u>Pilisb</u> ury Madison 8	& Sutro LLP, Intellectual P		00 New York Avenue, N.W., Ninth	Floor, East Tower, Washin	gton, D.C. 2	0005-3918
fresebuone u	umber (202) 861-3000 (to wh	nom all communications a	re to be directed).	and the below-named persons (or	the same address) individu	ually and coll	ectively my
attomevs to	umber (202) 861-3000 (to whe prosecute this application and	nom all communications a nd to transact all business	ire to be directed), in the Patent and	and the below-named persons (or Trademark Office connected there	the same address) individue the same address) individue with and with the resulting	ually and coll patent, and I	ectively my
attorneys to	umber (202) 861-3000 (to who prosecute this application are em to delete names/numbers	nom all communications a not to transact all business a below of persons no long	re to be directed), in the Patent and ger with their firm a	and the below-named persons (or Trademark Office connected there and to act and rely on instructions	The same address) individual ewith and with the resulting from and communicate dire	patent, and coll patent, and the coll coll patent.	ectively my I hereby
attorneys to authorize the person/assic	umber (202) 861-3000 (to who prosecute this application are em to delete names/numbers anee/attorney/firm/ organization	nom all communications a nd to transact all business s below of persons no lon- tion who/which first sends/	re to be directed), in the Patent and ger with their firm a /sent this case to the	and the below-named persons (or Trademark Office connected then and to act and rely on instructions them and by whom/which I hereby	The same address) individual ewith and with the resulting from and communicate dire	patent, and coll patent, and the coll coll patent.	ectively my I hereby
attorneys to authorize the person/assign to be repres	umber (202) 861-3000 (to who prosecute this application are the to delete names/numbers gnee/attomey/firm/ organizationtet the total unless/until I instruct the	nom all communications a nd to transact all business s below of persons no lon- tion who/which first sends/	re to be directed), in the Patent and ger with their firm a /sent this case to the	and the below-named persons (or Trademark Office connected then and to act and rely on instructions them and by whom/which I hereby	The same address) individue with and with the resulting from and communicate director declare that I have consent 30793. Michael R. Dz	ually and coll patent, and the ectly with the ted after full of wonczyk	ectively my I hereby
attorneys to authorize the person/assign to be repres	umber (202) 861-3000 (to who prosecute this application are term to delete names/numbers gnee/attorney/firm/ organizationted unless/until I instruct to okulis	nom all communications a nd to transact all business s below of persons no lon- ion who/which first sends/ he above Firm and/or a be	ire to be directed), in the Patent and ger with their firm a //sent this case to the low attorney in wr 28872 32011	and the below-named persons (of Trademark Office connected there and to act and rely on instructions tem and by whom/which I hereby iting to the contrary. Mark G. Paulson Stephen C. Glazier	the same address) individe with and with the resulting from and communicate dire declare that I have consent 30793. Michael R. Dz 31361. W. Patrick Be	ually and coll patent, and lectly with the ted after full common work wonczyk ngtsson	ectively my I hereby disclosure
attorneys to authorize the person/assic	umber (202) 861-3000 (to who prosecute this application are me to delete names/numbers gnee/attomey/firm/ organizationeted unless/until I instruct the kulis F. Lippitt Inight 17698	nom all communications a nd to transact all business is below of persons no lond ion who/which first sends, he above Firm and/or a be Dale S. Lazar Paul E. White, Jr. Glenn J. Perry	ire to be directed), s in the Patent and grewith their firm a sent this case to the elow attorney in wr 28872 23201-1 28458	and the below-named persons (of Trademark Office connected there and to act and rely on instructions tem and by whom/which I hereby iting to the contrary. Mark G. Paulson Stephen C. Glazier Paul F. McQuade	the same address) individe with and with the resulting from and communicate director declare that I have consent 30793. Michael R. Dz 31361. W. Patrick Be 31542. Jack S. Baruff	ually and colf patent, and the ectly with the ted after full of twonczyk ngtsson ka	ectively my I hereby disclosure 36787 32456 37087
attorneys to authorize the person/assign to be repres Paul N. Ko Raymond G. Lloyd K	umber (202) 861-3000 (to who prosecute this application are me to delete names/numbers gnee/attorney/firm/ organization and unless/until I instruct to skulis 16773 F. Lippitt 17519 17598. The state of the state o	nom all communications a to transact all business s below of persons no lon- ion who/which first sends/ he above Firm and/or a be Dale S. Lazar Paul E. White, Jr. Glenn J. Perry Kendrew H. Colton	ire to be directed), in the Patent and ger with their firm a /sent this case to the elow attorney in wr 28872 32011 28458 30368.	and the below-named persons (or Trademark Office connected then and to act and rely on instructions nem and by whom/which I hereby iting to the contrary. Mark G. Paulson Stephen C. Glazier Paul F. McQuade Ruth N. Morduch	The same address) individe with and with the resulting from and communicate dire declare that I have consent 30793. Michael R. Dz 31361. W. Patrick Be 31542. Jack S. Baruff 31044. Adam R. Hes	ually and colf patent, and the ectly with the ted after full of twonczyk ngtsson ka	ectively my hereby disclosure 36787
attorneys to authorize the person/assign to be represented by the person of the person	umber (202) 861-3000 (to who prosecute this application are me to delete names/numbers gnee/attorney/firm/ organizationted unless/until I instruct thokulis 16773 F. Lippitt 17519, night 17698, ve 18781, 20508	nom all communications a strong to transact all business s below of persons no long ion who/which first sends/ he above Firm and/or a be Dale S. Lazar Paul E. White, Jr. Glenn J. Perry Kendrew H. Colton G. Paul Edgell	tre to be directed), in the Patent and ger with their firm a /sent this case to the low attorney in wr 28872 232011 28458 30368. 24238	and the below-named persons (of Trademark Office connected then and to act and rely on instructions nem and by whom/which I hereby iting to the contrary. Mark G. Paulson Stephen C. Glazier Paul F. McQuade Ruth N. Morduch Richard H. Zaitlen	The same address) individe with and with the resulting from and communicate dire declare that I have consent 30793. Michael R. Dz 31361. W. Patrick Be 31542. Jack S. Baruff 31044. Adam R. Hes 27248.	ually and colf patent, and the ectly with the ted after full of twonczyk ngtsson ka	ectively my I hereby disclosure 36787 32456 37087
attorneys to authorize the person/assign to be represented by the person of the person	umber (202) 861-3000 (to who prosecute this application are me to delete names/numbers gnee/attorney/firm/ organization ented unless/until I instruct thokulis 16773 F. Lippitt 17519 1759 17698 ve 18781 20508 Sirilla 18221	nom all communications a nd to transact all business s below of persons no long ion who/which first sends/ he above Firm and/or a be Dale S. Lazar Paul E. White, Jr. Glenn J. Perry Kendrew H. Colton G. Paul Edgell Lynn E. Eccleston	ire to be directed), in the Patent and ger with their firm a /sent this case to the elow attorney in wr 28872 232041 28458 30368. 24238 35861	and the below-named persons (of Trademark Office connected then and to act and rely on instructions tem and by whom/which I hereby iting to the contrary. Mark G. Paulson Stephen C. Glazier Paul F. McQuade Ruth N. Morduch Richard H. Zaitlen Roger R. Wise	fthe same address) individe with and with the resulting from and communicate directors that I have consent 30793. Michael R. Dz 31361. Michael R. Dz 31542. Jack S. Baruff 31044. Adam R. Hes 31204	ually and colf patent, and the ectly with the ted after full of twonczyk ngtsson ka	ectively my I hereby disclosure 36787 32456 37087
attorneys to authorize the person/assignos ob e representation of the person of the pe	umber (202) 861-3000 (to who prosecute this application are em to delete names/numbers gnee/attorney/firm/ organization ented unless/until I instruct the sulfis 16773 F. Lippitt 17519 17519 17698 ve 18781 20508 Sirilla 18221. Bird 25323	nom all communications a nd to transact all business s below of persons no long ion who/which first sends/ he above Firm and/or a be Dale S. Lazar Paul E. White, Jr. Glenn J. Perry Kendrew H. Colton G. Paul Edgell Lynn E. Eccleston Timothy J. Klima	ire to be directed), in the Patent and ger with their firm a /sent this case to the elow attorney in wr 28872 232041 28458 30368 24238 35861 34852	and the below-named persons (of Trademark Office connected there ind to act and rely on instructions tem and by whom/which I hereby iting to the contrary. Mark G. Paulson Stephen C. Glazier Paul F. McQuade Ruth N. Morduch Richard H. Zaitlen Roger R. Wise Jay M. Finkelstein	The same address) individe with and with the resulting from and communicate directors that I have consent 30793. Michael R. Dz 31361. W. Patrick Be 31542. Jack S. Baruff 31044. Adam R. Hes 27248. 31204. 21082	ually and colf patent, and the ectly with the ted after full of twonczyk ngtsson ka	ectively my I hereby disclosure 36787 32456 37087
attorneys to authorize the person/assign to be represented by the person of the person	umber (202) 861-3000 (to who prosecute this application are em to delete names/numbers gnee/attorney/firm/ organization ented unless/until I instruct the sulfis 16773 F. Lippitt 17519 17519 17698 ve 18781 20508 Sirilla 18221. Bird 25323	nom all communications a nd to transact all business s below of persons no long ion who/which first sends/ he above Firm and/or a be Dale S. Lazar Paul E. White, Jr. Glenn J. Perry Kendrew H. Colton G. Paul Edgell Lynn E. Eccleston Timothy J. Klima David A. Jakopin	ire to be directed), in the Patent and ger with their firm a /sent this case to the elow attorney in wr 28872 232041 28458 30368. 24238 35861	and the below-named persons (of Trademark Office connected then and to act and rely on instructions them and by whom/which I hereby titing to the contrary. Mark G. Paulson Stephen C. Glazier Paul F. McQuade Ruth N. Morduch Richard H. Zaitlen Roger R. Wise Jay M. Finkelstein Anita M. Kirkpatrick	The same address) individe with and with the resulting from and communicate dire declare that I have consent 30793. Michael R. Dz 31361 W. Patrick Be 31542 Jack S. Baruff Adam R. Hes 27248 31204 21082 32617	ually and colf patent, and the ectly with the ted after full of twonczyk ngtsson ka	ectively my I hereby disclosure 36787 32456 37087
authorneys to authorize the person/assign to be repressive authorized the person authori	umber (202) 861-3000 (to who prosecute this application are met to delete names/numbers gnee/attorney/firm/ organizationed unless/until I instruct the skulis 16773 F. Lippitt 17519. Inight 17698. INVE 18781. INVE 20508 Sirila 18221. ISIRI 25323. ISIRI 25323. ISIRI 25372	nom all communications a nd to transact all business s below of persons no long ion who/which first sends/ he above Firm and/or a be Dale S. Lazar Paul E. White, Jr. Glenn J. Perry Kendrew H. Colton G. Paul Edgell Lynn E. Eccleston Timothy J. Klima David A. Jakopin	ire to be directed), in the Patent and ger with their firm a /sent this case to the elow attorney in wr 28872 232041 28458 30368 24238 35861 34852	and the below-named persons (of Trademark Office connected then and to act and rely on instructions them and by whom/which I hereby titing to the contrary. Mark G. Paulson Stephen C. Glazier Paul F. McQuade Ruth N. Morduch Richard H. Zaitlen Roger R. Wise Jay M. Finkelstein Anita M. Kirkpatrick	The same address) individe with and with the resulting from and communicate dire declare that I have consent 30793. Michael R. Dz 31361 W. Patrick Be 31542 Jack S. Baruff Adam R. Hes 27248 31204 21082 32617	ually and colf patent, and the ectly with the ted after full of twonczyk ngtsson ka	ectively my I hereby disclosure 36787 32456 37087
authorneys to authorize the person/assigneys of the person Paul N. Ko Raymond IG. Lloyd K Carl G. Lo Kevin E. Jo George M. Donald J. E Peter W. G	umber (202) 861-3000 (to who prosecute this application are ern to delete names/numbers gnee/attorney/firm/ organization ented unless/until I instruct the skulis 16773 F. Lippitt 17619, inight 17698, ve 18781, oyce 20508 Sirilla 18221, Bird 25323, Gowdey 25872 TOR'S SIGNATURE:	nom all communications a nd to transact all business s below of persons no long ion who/which first sends/ he above Firm and/or a be Dale S. Lazar Paul E. White, Jr. Glenn J. Perry Kendrew H. Colton G. Paul Edgell Lynn E. Eccleston Tirnothy J. Klima David A. Jakopin	ire to be directed), in the Patent and ger with their firm a /sent this case to the elow attorney in wr 28872 232041 28458 30368 24238 35861 34852	and the below-named persons (of Trademark Office connected them and to act and rely on instructions tem and by whom/which I hereby iting to the contrary. Mark G. Paulson Stephen C. Glazier Paul F. McQuade Ruth N. Morduch Richard H. Zaitlen Roger R. Wise Jay M. Finkelstein Anita M. Kirkpatrick	The same address) individe with and with the resulting from and communicate directors that I have consent 30793. Michael R. Dz 31361. Michael R. Dz 31542. Jack S. Baruff Adam R. Hes 27248. 31204. 21082. 32617.	ually and colf patent, and the ectly with the ted after full of twonczyk ngtsson ka	ectively my I hereby disclosure 36787 32456 37087
authorneys to authorize the person/assigneys of the person Paul N. Ko Raymond IG. Lloyd K Carl G. Lo Kevin E. Jo George M. Donald J. E Peter W. G	umber (202) 861-3000 (to who prosecute this application are me to delete names/numbers gnee/attorney/firm/ organization ented unless/until I instruct the skulis 16773 F. Lippitt 17519 17598. Ve 18781. Oyce 20508 Sirilla 18221. Sird 25323. Gowdey 25872 TOR'S SIGNATURE:	nom all communications a nd to transact all business s below of persons no long ion who/which first sends/ he above Firm and/or a be Dale S. Lazar Paul E. White, Jr. Glenn J. Perry Kendrew H. Colton G. Paul Edgell Lynn E. Eccleston Timothy J. Klima David A. Jakopin	ire to be directed), in the Patent and ger with their firm a /sent this case to the low attorney in wr 28872 232044 28458 30368 24238 35861 34852 32995	and the below-named persons (of Trademark Office connected them ind to act and rely on instructions tem and by whom/which I hereby iting to the contrary. Mark G. Paulson Stephen C. Glazier Paul F. McQuade Ruth N. Morduch Richard H. Zaitlen Roger R. Wise Jay M. Finkelstein Anita M. Kirkpatrick Date:	The same address) individe with and with the resulting from and communicate dire declare that I have consent 30793. Michael R. Dz 31361 W. Patrick Be 31542 Jack S. Baruff Adam R. Hes 27248 31204 21082 32617	ually and coll patent, and cetty with the ted after full of twonczyk ngtsson ka s	ectively my I hereby disclosure 36787 32456 37087
autorneys to authorize the person/assign to be represed Paul N. Ko Raymond G. Lloyd K Carl G. Lo Kevin E. J George M. Donald J. I Peter W. G	umber (202) 861-3000 (to who prosecute this application are erm to delete names/numbers gnee/attorney/firm/ organization ented unless/until I instruct the skulis 16773 F. Lippitt 17519, inight 17698, ve 18781, oyce 20508 Sirilla 18221, Bird 25323, Gowdey 25872 TOR'S SIGNATURE:	nom all communications a nd to transact all business s below of persons no long ion who/which first sends/ he above Firm and/or a be Dale S. Lazar Paul E. White, Jr. Glenn J. Perry Kendrew H. Colton G. Paul Edgell Lynn E. Eccleston Timothy J. Klima David A. Jakopin	ire to be directed), in the Patent and ger with their firm a /sent this case to the low attorney in wr 28872 232041 28458 30368. 24238 35861 34852 32995	and the below-named persons (of Trademark Office connected then and to act and rely on instructions tem and by whom/which I hereby iting to the contrary. Mark G. Paulson Stephen C. Glazier Paul F. McQuade Ruth N. Morduch Richard H. Zaitlen Roger R. Wise Jay M. Finkelstein Anita M. Kirkpatrick Date:	The same address) individe with and with the resulting from and communicate directions of the same and the sa	ually and coll patent, and cetty with the ted after full of twonczyk ngtsson ka s	ectively my I hereby disclosure 36787 32456 37087
authorneys to authorize the person/assigneys of the person Paul N. Ko Raymond IG. Lloyd K Carl G. Lo Kevin E. Jo George M. Donald J. E Peter W. G	umber (202) 861-3000 (to who prosecute this application are em to delete names/numbers gnee/attorney/firm/ organization ented unless/until I instruct the skulis 16773 F. Lippitt 17519, night 17698, ve 18781, oyce 20508 Sirilla 18221, Bird 25323, Gowdey 25872 TOR'S SIGNATURE:	nom all communications a nd to transact all business s below of persons no long ion who/which first sends/ he above Firm and/or a be Dale S. Lazar Paul E. White, Jr. Glenn J. Perry Kendrew H. Colton G. Paul Edgell Lynn E. Eccleston Tirnothy J. Klima David A. Jakopin	ine to be directed), in the Patent and ger with their firm a /sent this case to the low attorney in wr 28872 232014 28458 30368 24238 35861 34852 32995	and the below-named persons (of Trademark Office connected them and to act and rely on instructions nem and by whom/which I hereby ting to the contrary. Mark G. Paulson Stephen C. Glazier Paul F. McQuade Ruth N. Morduch Richard H. Zaitlen Roger R. Wise Jay M. Finkelstein Anita M. Kirkpatrick Date:	The same address) individe with and with the resulting from and communicate dire declare that I have consent 30793. 30793. Michael R. Dz 31361. W. Patrick Be 31542. Jack S. Baruff 31044. Adam R. Hes 27248. 31204. 21082. 32617. Do 1 2001.	ually and coll patent, and cetty with the ted after full of the cetty work. The cetty with the ted after full of the cetty work. The cetty work of the cetty work. The cetty work of the cetty work of the cetty work. The cetty work of the cetty work of the cetty work. The cetty work of the cetty work	disclosure 3678Z 32456 3708Z 41835
autorneys to authorize the person/assign to be represed Paul N. Ko Raymond G. Lloyd K Carl G. Lo Kevin E. J George M. Donald J. I Peter W. G	umber (202) 861-3000 (to who prosecute this application are erm to delete names/numbers gnee/attorney/firm/ organization ented unless/until I instruct the skulis 16773 F. Lippitt 17519, inight 17698, ve 18781, oyce 20508 Sirilla 18221, Bird 25323, Gowdey 25872 TOR'S SIGNATURE:	nom all communications a nd to transact all business s below of persons no long ion who/which first sends/ he above Firm and/or a be Dale S. Lazar Paul E. White, Jr. Glenn J. Perry Kendrew H. Colton G. Paul Edgell Lynn E. Eccleston Timothy J. Klima David A. Jakopin	ine to be directed), in the Patent and ger with their firm a /sent this case to the low attorney in wr 28872 232014 28458 30368 24238 35861 34852 32995	and the below-named persons (of Trademark Office connected then and to act and rely on instructions tem and by whom/which I hereby iting to the contrary. Mark G. Paulson Stephen C. Glazier Paul F. McQuade Ruth N. Morduch Richard H. Zaitlen Roger R. Wise Jay M. Finkelstein Anita M. Kirkpatrick Date:	The same address) individe with and with the resulting from and communicate dire declare that I have consent 30793. 30793. Michael R. Dz 31361. W. Patrick Be 31542. Jack S. Baruff 31044. Adam R. Hes 27248. 31204. 21082. 32617. Do 1 2001.	ually and coll patent, and cetty with the ted after full of the cetty work. The cetty with the ted after full of the cetty work. The cetty work of the cetty work. The cetty work of the cetty work of the cetty work. The cetty work of the cetty work of the cetty work. The cetty work of the cetty work	disclosure 36787 32456 37087 41835
attorneys to authorize the person/assignessing authorizes to be repressing authorizes Paul N. Ko Raymond IG. Lloyd KCarl G. Lo Kevin E. J George M. Donald J. E Peter W. G	umber (202) 861-3000 (to who prosecute this application are me to delete names/numbers gnee/attorney/firm/ organization ented unless/until I instruct thokulis 16773 F. Lippitt 17519, inight 17698. ve 18781. oyce 20508 Sirilla 18221. Bird 25323. Gowdey 25872 TOR'S SIGNATURE: Helsink	nom all communications a nd to transact all business s below of persons no lone ion who/which first sends/ he above Firm and/or a be Dale S. Lazar Paul E. White, Jr. Glenn J. Perry Kendrew H. Colton G. Paul Edgell Lynn E. Eccleston Timothy J. Klima David A. Jakopin	re to be directed), in the Patent and ger with their firm a /sent this case to the elow attorney in wr 28872 232041 28458 30368. 24238 35861 34852 32995 Middle Initial	and the below-named persons (of Trademark Office connected then and to act and rely on instructions tem and by whom/which I hereby iting to the contrary. Mark G. Paulson Stephen C. Glazier Paul F. McQuade Ruth N. Morduch Richard H. Zaitlen Roger R. Wise Jay M. Finkelstein Anita M. Kirkpatrick Date: RA I	The same address) individe with and with the resulting from and communicate dire declare that I have consent declared that I have country declared that I have country that I have country declared that I have consent declared that I have country declared that I have consent declared th	ually and coll patent, and cetty with the ted after full of the cetty work. The cetty with the ted after full of the cetty work. The cetty work of the cetty work. The cetty work of the cetty work of the cetty work. The cetty work of the cetty work of the cetty work. The cetty work of the cetty work	disclosure 36787 32456 37087 41835
autorneys to authorize the person/assignos to be repressive aul N. Koral G. Lloyd K. Carl G. Loyd K. Carl G. Loyd M. Donald J. E. Peter W. Co. (1) INVEN	umber (202) 861-3000 (to who prosecute this application are me to delete names/numbers gnee/attorney/firm/ organization ented unless/until I instruct thokulis 16773 F. Lippitt 17519, inight 17698. ve 18781. oyce 20508 Sirilla 18221. Bird 25323. Gowdey 25872 TOR'S SIGNATURE: Helsink	nom all communications a nd to transact all business s below of persons no long ion who/which first sends/ he above Firm and/or a be Dale S. Lazar Paul E. White, Jr. Glenn J. Perry Kendrew H. Colton G. Paul Edgell Lynn E. Eccleston Timothy J. Klima David A. Jakopin	re to be directed), in the Patent and ger with their firm a /sent this case to the elow attorney in wr 28872 232041 28458 30368. 24238 35861 34852 32995 Middle Initial	and the below-named persons (of Trademark Office connected them and to act and rely on instructions nem and by whom/which I hereby ting to the contrary. Mark G. Paulson Stephen C. Glazier Paul F. McQuade Ruth N. Morduch Richard H. Zaitlen Roger R. Wise Jay M. Finkelstein Anita M. Kirkpatrick Date:	The same address) individe with and with the resulting from and communicate dire declare that I have consent declared that I have country declared that I have country that I have country declared that I have consent declared that I have country declared that I have consent declared th	ually and coll patent, and cetty with the ted after full of the cetty work. The cetty with the ted after full of the cetty work. The cetty work of the cetty work. The cetty work of the cetty work of the cetty work. The cetty work of the cetty work of the cetty work. The cetty work of the cetty work	disclosure 36787 32456 37087 41835
attorneys to authorize the person/assignessing authorizes to be repressing authorizes Paul N. Ko Raymond IG. Lloyd KCarl G. Lo Kevin E. J George M. Donald J. E Peter W. G	umber (202) 861-3000 (to who prosecute this application are me to delete names/numbers gnee/attorney/firm/ organization ented unless/until I instruct thokulis 16773 F. Lippitt 17519, inight 17698. ve 18781. oyce 20508 Sirilla 18221. Bird 25323. Gowdey 25872 TOR'S SIGNATURE: Helsink	nom all communications a nd to transact all business s below of persons no lone ion who/which first sends/ he above Firm and/or a be Dale S. Lazar Paul E. White, Jr. Glenn J. Perry Kendrew H. Colton G. Paul Edgell Lynn E. Eccleston Timothy J. Klima David A. Jakopin	re to be directed), in the Patent and ger with their firm a /sent this case to the elow attorney in wr 28872 232041 28458 30368. 24238 35861 34852 32995 Middle Initial	and the below-named persons (or Trademark Office connected the the third to act and rely on instructions nem and by whom/which I hereby iting to the contrary. Mark G. Paulson Stephen C. Glazier Paul F. McQuade Ruth N. Morduch Richard H. Zaitlen Roger R. Wise Jay M. Finkelstein Anita M. Kirkpatrick Date: RAL Slate/Foreign: Country TN=00180 Helsinki	The same address) individe with and with the resulting from and communicate dire declare that I have consent and communicate dire declare that I have consent and communicate dire declare that I have consent and	ually and coll patent, and cetty with the ted after full of two colors of of two colo	disclosure 36787 32456 37087 41835
autorneys to authorize the person/assig to be repres Paul N. Ko Raymond IG. Lloyd K Carl G. Lo Kevin E. J George M. Donald J. I Peter W. G (1) INVEN Residence Post Office (include Zi	umber (202) 861-3000 (to where the prosecute this application are the delete names/numbers gnee/attorney/firm/ organization and the delete names/numbers gnee/attorney/firm/ organization and the delete names/numbers gnee/attorney/firm/ organization and the second secon	nom all communications a nd to transact all business s below of persons no lone ion who/which first sends/ he above Firm and/or a be Dale S. Lazar Paul E. White, Jr. Glenn J. Perry Kendrew H. Colton G. Paul Edgell Lynn E. Eccleston Timothy J. Klima David A. Jakopin	re to be directed), in the Patent and ger with their firm a /sent this case to the elow attorney in wr 28872 232041 28458 30368. 24238 35861 34852 32995 Middle Initial	and the below-named persons (or Trademark Office connected the the third to act and rely on instructions nem and by whom/which I hereby iting to the contrary. Mark G. Paulson Stephen C. Glazier Paul F. McQuade Ruth N. Morduch Richard H. Zaitlen Roger R. Wise Jay M. Finkelstein Anita M. Kirkpatrick Date: RAL Slate/Foreign: Country TN=00180 Helsinki	The same address) individe with and with the resulting from and communicate dire declare that I have consent and communicate dire declare that I have consent and communicate dire declare that I have consent and	ually and coll patent, and cetty with the ted after full of two concepts on ka s	disclosure 36787 32456 37087 41835
autorneys to authorize the person/assign to be repression and the control of the person and the control of the person and the control of the	umber (202) 861-3000 (to who prosecute this application are me to delete names/numbers gnee/attorney/firm/ organization ented unless/until I instruct thokulis 16773 F. Lippitt 17698 Inight 17698 Inight 18781 Inight 18781 Inight 25323 Inight 25323 Inight 25323 Inight 25323 Inight 18221 Inight 25323 Inig	nom all communications a nd to transact all business s below of persons no lone ion who/which first sends/ he above Firm and/or a be Dale S. Lazar Paul E. White, Jr. Glenn J. Perry Kendrew H. Colton G. Paul Edgell Lynn E. Eccleston Timothy J. Klima David A. Jakopin	re to be directed), in the Patent and ger with their firm a /sent this case to the elow attorney in wr 28872 232041 28458 30368. 24238 35861 34852 32995 Middle Initial	and the below-named persons (of Trademark Office connected then and to act and rely on instructions tem and by whom/which I hereby iting to the contrary. Mark G. Paulson Stephen C. Glazier Paul F. McQuade Ruth N. Morduch Richard H. Zaitlen Roger R. Wise Jay M. Finkelstein Anita M. Kirkpatrick Date: BA I State/Foreign: Country Date: C	the same address) individe with and with the resulting from and communicate dire declare that I have consent ago and the same and the s	ually and coll patent, and cetty with the ted after full of two concepts on ka s	disclosure 36787 32456 37087 41835
autorneys to authorize the person/assig to be repres Paul N. Ko Raymond IG. Lloyd K Carl G. Lo Kevin E. J George M. Donald J. I Peter W. G (1) INVEN Residence Post Office (include Zi	umber (202) 861-3000 (to where the prosecute this application are met to delete names/numbers gnee/attorney/firm/ organization and entered unless/until I instruct the skulis 16773 F. Lippitt 17519 17519 17698 18781 17698 18781 18221 18178 1	nom all communications and to transact all business is below of persons no longion who/which first sends/he above Firm and/or a bed Dale S. Lazar Paul E. White, Jr. Glenn J. Perry Kendrew H. Colton G. Paul Edgell Lynn E. Eccleston Timothy J. Klima David A. Jakopin David A. Jakopin City Lapinrinne	in the be directed), is in the Patent and ger with their firm a sent this case to the low attorney in wr 28872 32014 28458 30368 24238 35861 34852 32995	and the below-named persons (of Trademark Office connected them and to act and rely on instructions nem and by whom/which I hereby ting to the contrary. Mark G. Paulson Stephen C. Glazier Paul F. McQuade Ruth N. Morduch Richard H. Zaitlen Roger R. Wise Jay M. Finkelstein Anita M. Kirkpatrick Date: BA L State/Foreign-Country Date: Date:	The same address) individe with and with the resulting from and communicate dire declare that I have consent ago and the same and the s	ually and coll patent, and cetty with the ted after full of the collection of the cetty of the c	ectively my I hereby disclosure 3678Z 32456 3708Z 41835
attorneys to authorize the person/assign to be repression and N. Koran G. Lloyd K. Carl G. Loyd K. Carl G. Loyd M. Donald J. E. Peter W. Co. (1) INVEN Residence Post Office (include Zing)	umber (202) 861-3000 (to who prosecute this application are me to delete names/numbers gnee/attorney/firm/ organization ented unless/until I instruct thokulis 16773 F. Lippitt 17519, night 17698. Ve 18781. Oyce 20508 Sirilla 18221. Bird 25323. Gowdey 25872 TOR'S SIGNATURE: Helsink Address p Code) TOR'S SIGNATURE: Kalle	nom all communications and to transact all business is below of persons no longion who/which first sends/he above Firm and/or a bed Dale S. Lazar Paul E. White, Jr. Glenn J. Perry Kendrew H. Colton G. Paul Edgell Lynn E. Eccleston Timothy J. Klima David A. Jakopin David A. Jakopin City Lapinrinne	re to be directed), in the Patent and ger with their firm a /sent this case to the low attorney in wr 28872 32014 28458 30368. 24238 35861 34852 32995 Middle Initial	and the below-named persons (or Trademark Office connected then and to act and rely on instructions nem and by whom/which I hereby iting to the contrary. Mark G. Paulson Stephen C. Glazier Paul F. McQuade Ruth N. Morduch Richard H. Zaitlen Roger R. Wise Jay M. Finkelstein Anita M. Kirkpatrick Date: RA I BaleForeign Country Date: AHM	The same address) individe with and with the resulting from and communicate direct declare that I have consent declared that I have consent decla	ually and coll patent, and cetty with the ted after full of two concepts on ka s	ectively my I hereby disclosure 3678Z 32456 3708Z 41835
attorneys to authorize the person/assign to be repressive authorize the person/assign to be repressive authorize the person No. Kon Raymond G. Lloyd K. Carl G. Loyd K. Carl G	umber (202) 861-3000 (to who prosecute this application are me to delete names/numbers gnee/attorney/firm/ organization ented unless/until I instruct thokulis 16773 F. Lippitt 17519, night 17698. Ve 18781. Oyce 20508 Sirilla 18221. Bird 25323. Gowdey 25872 TOR'S SIGNATURE: Address p Code) TOR'S SIGNATURE: Kalle Helsinki	nom all communications a nd to transact all business s below of persons no lone ion who/which first sends/ he above Firm and/or a be Dale S. Lazar Paul E. White, Jr. Glenn J. Perry Kendrew H. Colton G. Paul Edgell Lynn E. Eccleston Timothy J. Klima David A. Jakopin First City Lapinrinne	in the be directed), in the Patent and ger with their firm a sent this case to the low attorney in wr 28872 32014 28458 30368 24238 35861 34852 32995 Middle Initial Finlan A 11 F Middle Initial Finlan Middle Initial Finlan	and the below-named persons (of Trademark Office connected them and to act and rely on instructions nem and by whom/which I hereby ting to the contrary. Mark G. Paulson Stephen C. Glazier Paul F. McQuade Ruth N. Morduch Richard H. Zaitlen Roger R. Wise Jay M. Finkelstein Anita M. Kirkpatrick Date: BA L Sate/Foreign-Country Date: AHM	The same address) individe with and with the resulting from and communicate dire declare that I have consent and communicate dire declare that I have consent and	ually and coll patent, and patent, and ectly with the ted after full of the ted after fu	ectively my I hereby disclosure 3678Z 32456 3708Z 41835
attorneys to authorize the person/assign to be repressive authorize the person/assign to be repressive authorize the person No. Kon Raymond G. Lloyd K. Carl G. Loyd K. Carl G	umber (202) 861-3000 (to who prosecute this application are me to delete names/numbers gnee/attorney/firm/ organization ented unless/until I instruct thokulis 16773 F. Lippitt 17519, night 17698. Ve 18781. Oyce 20508 Sirilla 18221. Bird 25323. Gowdey 25872 TOR'S SIGNATURE: Helsink Address p Code) TOR'S SIGNATURE: Kalle	nom all communications a nd to transact all business s below of persons no lone ion who/which first sends/ he above Firm and/or a be Dale S. Lazar Paul E. White, Jr. Glenn J. Perry Kendrew H. Colton G. Paul Edgell Lynn E. Eccleston Timothy J. Klima David A. Jakopin First City Lapinrinne	in the be directed), in the Patent and ger with their firm a sent this case to the low attorney in wr 28872 32014 28458 30368 24238 35861 34852 32995 Middle Initial Finlan A 11 F Middle Initial Finlan Middle Initial Finlan	and the below-named persons (or Trademark Office connected then and to act and rely on instructions nem and by whom/which I hereby iting to the contrary. Mark G. Paulson Stephen C. Glazier Paul F. McQuade Ruth N. Morduch Richard H. Zaitlen Roger R. Wise Jay M. Finkelstein Anita M. Kirkpatrick Date: RA I BaleForeign Country Date: AHM	The same address) individe with and with the resulting from and communicate dire declare that I have consent and communicate dire declare that I have consent and	ually and coll patent, and patent, and ectly with the ted after full of the ted after fu	ectively my I hereby disclosure 3678Z 32456 3708Z 41835
attorneys to authorize the person/assign to be repressive authorize the person/assign to be repressive authorize the person No. Kon Raymond G. Lloyd K. Carl G. Loyd K. Carl G	umber (202) 861-3000 (to where prosecute this application are erm to delete names/numbers gnee/attorney/firm/ organization ented unless/until I instruct the skulis 16773 F. Lippitt 17519 night 17698 ve 18781 oyce 20508 Sirilla 18221 Sird 25323 Sowdey 25872 TOR'S SIGNATURE: Helsinki Address p Code) TOR'S SIGNATURE: Kalle Helsinki	nom all communications a nd to transact all business s below of persons no lone ion who/which first sends/ he above Firm and/or a be Dale S. Lazar Paul E. White, Jr. Glenn J. Perry Kendrew H. Colton G. Paul Edgell Lynn E. Eccleston Timothy J. Klima David A. Jakopin First City Lapinrinne	re to be directed), in the Patent and ger with their firm a sent this case to the low attorney in wr 28872 32914 28458 30368. 24238 35861 34852 32995 I Middle Initial Finlan A 11 F Middle Initial Finlan	and the below-named persons (or Trademark Office connected the the third to act and rely on instructions nem and by whom/which I hereby iting to the contrary. Mark G. Paulson Stephen C. Glazier Paul F. McQuade Ruth N. Morduch Richard H. Zaitlen Roger R. Wise Jay M. Finkelstein Anita M. Kirkpatrick Date: BAL State/Foreign Country AHM State/Foreign Country	The same address) individe with and with the resulting from and communicate direct declare that I have consent as 30793. Michael R. Dz 31361. W. Patrick Be 31542. Jack S. Baruff 31044. Adam R. Hes 27248. 31204. 21082. 32617. Doing to a second seco	ually and coll patent, and patent, and ectly with the ted after full of the ted after fu	ectively my I hereby disclosure 3678Z 32456 3708Z 41835

(FOR ADDITIONAL INVENTORS, check box ☒ to attach PAT 116-2 same information for each re signature, name, date, citizenship, residence and address.)

DECLARATION AND POWER OF ATTORNEY (continued)

	1 A	$1 - 10^{-1}$	DDITIONAL INVE	NTORS:		
(3) INVENTOR'S	SIGNATURE	~U~ "U" \		Data: 2	2 2001	
) Heikk	, 	Date: 2.2.2001 EINOLA			
	J. 0	First	Middle Initial		Family Name	
Residence	Espoo	4 KX	Finland	The state of the s	Finland	
		City The State of Party		Foreign Country	Country of Citizenship	
Post Office Addres	ss		ie 7-9 B 5	FIN-02760 Espoo	Finland	
(include Zip Code))	MINDO I DICE V CIT	1	11K 02700 ESP00	TIMIANU	
	. 1	11.		ብለ /	10.4 10	
(4) INVENTOR'S		The FE			01/2061	
1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	Juha Juha	- Stiffenorting 1986 de kasser	mant to the same of the same of	BÄCK		
		First Control of the		vica bay harafili	Family Name	
Residence	Helsinki	City 1/1	Finland	The state of the s	Finland	
Post Office Addres			State/	Foreign Country	Country of Citizenship	
(include Zip Code)		Tulisuonkuja	1 A 4, FIN-0	00930 Helsinki, l	finland	
(include Zip Code)		<i>((((((((((</i>	J			
(5) INVENTOR'S	SIGNATURE:	Joery du	Whose	ے Date: ح	0/01/2001	
1	1 Tony			HUEKKO		
		First Control (1997)	Middle Initial		Family Name	
Residence	Helsinki	LIV	Finland		Finland	
		City	State/I	Foreign Country	Country of Citizenship	
Post Office Addres	ss	Porvoonkatu l	F 214, FIN-	-00510 Helsinki,	Finland	
(include Zip Code)						
正 (6) INVENTOR'S S	SICHETURE.	ez			> > 001	
	Serge				.Z .200[
In an industrial of			e de la maranta la capación de la c	HAUMON		
Residence	Helsinki_	(/)40/	Finland	TOTAL SELECTION OF PROPERTY OF PROPERTY SERVICES	Family Name France	
I 4,544,6%;		City CHILD AND TO THE			Country of Citizenship	
=Post Office Addres	is I		kuia 3 R 10	, FIN-00320 Hels:	Country of Citizenship	
≟(include Zip Code)		KIIBEUVUOTEI	Ikuja 5 b 10	, 11N 00320 NC13.	inki, Filitand	
I I	-		4			
(7) INVENTOR'S	SIGNATURE:			Date:		
E	para discorpingo de la la casa de	9 9 sa 1 s		· · · · · · · · · · · · · · · · · · ·		
		ist is the second	Middle Initial		Family Name	
Residence	Attitute or to inflict the 4-9, 47 wints	en fortunidos - optio Movem o Diseaso - op-		Company Spines (in		
		City of the state	State/F	oreign Country	Country of Citizenship	
Post Office Addres	s		,			
(include Zip Code)			j			
(8) INVENTOR'S	SIGNATURE:			Date:		
计划的最高数据数	自用整件概念的	inst Military Manager 1994	Middle Initial		Family Name	
Residence				The second secon		
		Chy Chy Charles	State/F	oreign Country	Country of Citizenship	
Post Office Addres				and annual of the Annual of the Section 1988, 1999	The state of the s	
(include Zip Code)						
			-			
(9) INVENTOR'S S	GIGNATURE:			Date:		
i iya ko da ka jaran ka	esotibles distributions	TANKAMINE TAN JANGS PRINTING MENGANGAN MEN	International Descriptions of the Land	marries team white entire care on any and a second second		
	rocadd Ystraet Diff In 1969 F	SECTION OF THE PRINTED	Middle Initial		Family Name	
Residence	en	introducija prijesaja pravija prijesaja prijesaja prijesaja prijesaja prijesaja prijesaja prijesaja prijesaja	STORE THAN STORE IN COMPANY OF THE STORE OF	and the special services of the services of th		
		City City Control of the C	State/F	oreign Country	Country of Citizenship	
Post Office Addres	s					
(include Zip Code)					· · · · · · · · · · · · · · · · · · ·	